

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14999

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H01M4/86 H01M8/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PARK S ET AL: "DIRECT OXIDATION OF HYDROCARBONS IN A SOLID OXIDE FUEL CELL I. METHANE OXIDATION" JOURNAL OF THE ELECTROCHEMICAL SOCIETY, ELECTROCHEMICAL SOCIETY. MANCHESTER, NEW HAMPSHIRE, US, vol. 146, no. 10, 1999, pages 3603-3605, XP009014798 ISSN: 0013-4651 * see p.3603, right col, last par., p. 3604, fig.2 * the whole document	1-51
X	US 6 051 329 A (FASANO BENJAMIN V ET AL) 18 April 2000 (2000-04-18) * see fig.2, fig.4, col. 2, l. 55 - col. 3, l. 33, claims * the whole document	1-51

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *&* document member of the same patent family

Date of the actual completion of the international search

13 September 2004

Date of mailing of the international search report

11/10/2004

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 05, 30 April 1998 (1998-04-30) & JP 10 021931 A (KYOCERA CORP; TOKYO GAS CO LTD), 23 January 1998 (1998-01-23) abstract	1-51
Y	EP 0 584 551 A (NIPPON OIL CO LTD ; PETROLEUM ENERGY CENTER FOUND (JP)) 2 March 1994 (1994-03-02) * see p.2, l .11-18, p. 3, l .1-31, 46-57, claims * the whole document	1-51
Y	HIROKAZU SASAKI ET AL: "HIGH-POWER-DENSITY-SOLID-OXIDE-ELECTROLYT E FUEL CELLS" JOURNAL OF THE ELECTROCHEMICAL SOCIETY, ELECTROCHEMICAL SOCIETY. MANCHESTER, NEW HAMPSHIRE, US, vol. 139, no. 1, 1992, pages L12-L13, XP000307473 ISSN: 0013-4651 * see p. * the whole document	1-51
Y	PARK S ET AL: "Applications of heterogeneous catalysis in the direct oxidation of hydrocarbons in a solid-oxide fuel cell" APPLIED CATALYSIS A: GENERAL, ELSEVIER SCIENCE, AMSTERDAM, NL, vol. 200, no. 1-2, 28 August 2000 (2000-08-28), pages 55-61, XP004272447 ISSN: 0926-860X cited in the application * see p. * the whole document	1-51
Y	US 6 099 985 A (ELANGOVAN SINGARAVELU ET AL) 8 August 2000 (2000-08-08) * see col. 4, l .20 - 61, claims * the whole document	1-51
Y	WO 01/28024 A (GLOBAL THERMOELECTRIC INC) 19 April 2001 (2001-04-19) * see p. 6, l, 15 - p. 8, l. 15, claims * the whole document	1-51
X,P	J. ELECTROCHEM. SOC., vol. 150, no. 3, 2003, pages A354-A358, XP002296018 * see p. A355, fig.3, par. bridging p.A356/A357 * the whole document	1-51

INTERNATIONAL SEARCH REPORT

Information on patent family members

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